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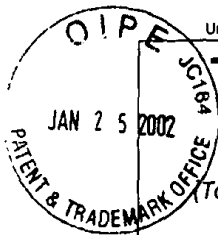
PTO/SB/21 (08-00)

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after initial filing)

Application Number	09/955,588
Filing Date	September 18, 2001
First Named Inventor	Richard A. Sederquist
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	130109.435

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ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input checked="" type="checkbox"/> 15 Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): _____ _____ _____ _____
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Karl R. Hermanns, 33,507	 00500 PATENT TRADEMARK OFFICE
Signature		
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Richard A. Sederquist and Kevin Marchand
Application No. : 09/955,588
Filed : September 18, 2001
For : SHELL AND TUBE REACTOR

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Docket No. : 130109.435
Date : November 30, 2001

Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

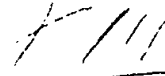
In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached Form PTO-1449 (copies of the cited references are enclosed). As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

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Respectfully submitted,

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Karl R. Hermanns

Registration No. 33,507

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Enclosures:

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Form PTO-1449

Cited References (15)

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FORM PTO-1449
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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Richard A. Sederquist and Kevin Marchand

FILING DATE

September 18, 2001

GROUP ART UNIT

Not yet assigned

JAN 25 2002

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	3,666,682	05/30/72	Muenger	252	373	
AB	3,825,501	07/23/74	Muenger	252	373	
AC	3,909,299	09/30/75	Corrigan	136	86 C	
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AH	5,853,674	12/29/98	Lesieur	422	173	
AI	6,096,286	08/01/00	Autenrieth	423	651	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AJ	EP 349,001 A1	01/03/90	EPO		
AK	EP 841,301 A1	05/13/98	EPO		
AL	EP 1,048,343 A2	11/02/00	EPO		
AM	GB 2,075,859 A	11/25/81	GREAT BRITIAN		
AN	WO 00/32513	06/08/00	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Abstract of JP 6-64901, espacenet database, March 8, 1994.
AP	
AQ	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).